

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference ANTI-AB ANTIBODY <i>x 16324</i>	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2005/005198	International filing date (day/month/year) 17/02/2005	(Earliest) Priority Date (day/month/year) 23/02/2004
Applicant ELI LILLY AND COMPANY		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).



- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

ANTI-ABETA ANTIBODY

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.



- b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2005/005198

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

- 1 With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
- a. type of material
- ☒ a sequence listing
- ☐ table(s) related to the sequence listing
- b. format of material
- ☒ in written format
- ☒ in computer readable form
- c. time of filing/furnishing
- ☒ contained in the international application as filed
- ☐ filed together with the international application in computer readable form
- ☒ furnished subsequently to this Authority for the purpose of search
2. ☒ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/005198

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K16/18 A61K39/395 A61P25/28 C12N15/13

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K A61P C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	✓ WO 02/46237 A (NEURALAB LIMITED; WYETH; BASI, GURIQ; SALDANHA, JOSE; YEDNOCK, TED) 13 June 2002 (2002-06-13)	1-7, 9
Y	page 44, line 11 - line 15 page 45, line 12 - line 19 page 49, line 22 - page 51, line 28 ----- -/--	8, 12, 13

☒ Further documents are listed in the continuation of box C☒ Patent family members are listed in annex

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

5 August 2005

Date of mailing of the international search report

31/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx 31 651 epo nl.
Fax (+31-70) 340-3016

Authorized officer

Mandl, B

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/005198

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	<p>✓ Y00 E M ET AL: "Myeloma expression systems" JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 261, no. 1-2, 1 March 2002 (2002-03-01), pages 1-20, XP004341264 ISSN: 0022-1759 abstract page 3, left-hand column, line 1 - line 13 table 1 page 13, right-hand column, last paragraph</p>	8,12,13
X	<p>✓ WO 02/088306 A (ELI LILLY AND COMPANY; TSURUSHITA, NAOYA; VASQUEZ, MAXIMILANO) 7 November 2002 (2002-11-07) claims 1-29 page 18, line 25 - line 31</p>	1-6
A	<p>✓ CHAUHAN NEELIMA B ET AL: "Intracerebroventricular passive immunization with anti-Abeta antibody in Tg2576." JOURNAL OF NEUROSCIENCE RESEARCH, vol. 74, no. 1, 1 October 2003 (2003-10-01), pages 142-147, XP002339442 ISSN: 0360-4012 abstract page 143, right-hand column, last paragraph - page 144, left-hand column, paragraph 1</p>	1-9
A	<p>✓ MILLER DAVID L ET AL: "Humoral immune response to fibrillar beta-amyloid peptide." BIOCHEMISTRY, vol. 42, no. 40, 14 October 2003 (2003-10-14), pages 11682-11692, XP002339443 ISSN: 0006-2960 page 11683, right-hand column, paragraph 2 - paragraph 3</p>	1-9
A	<p>✓ BARNES L M ET AL: "Advances in animal cell recombinant protein production: GS-NSO expression system" CYTOTECNOLOGY, vol. 32, no. 2, February 2000 (2000-02), pages 109-123, XP002301322 ISSN: 0920-9069 the whole document</p>	8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/005198

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0246237	A	13-06-2002	AU 2592102 A	18-06-2002
			BG 107850 A	27-02-2004
			BR 0115978 A	03-05-2005
			CA 2430772 A1	13-06-2002
			CN 1541225 A	27-10-2004
			CZ 20031601 A3	17-12-2003
			EE 200300264 A	15-10-2003
			EP 1358213 A2	05-11-2003
			HU 0302589 A2	28-10-2003
			JP 2005500808 T	13-01-2005
			NO 20032549 A	05-08-2003
			PL 366341 A1	24-01-2005
			SK 8502003 A3	02-03-2004
			WO 0246237 A2	13-06-2002
			US 2003165496 A1	04-09-2003
			US 2005009150 A1	13-01-2005
			US 2004087777 A1	06-05-2004
			US 2004171815 A1	02-09-2004
			US 2004171816 A1	02-09-2004
			ZA 200305169 A	09-07-2004
WO 02088306	A	07-11-2002	EP 1385545 A2	04-02-2004
			WO 02088306 A2	07-11-2002
			US 2005090648 A1	28-04-2005